

# Assault Breacher Vehicle



## DESCRIPTION

The Assault Breacher Vehicle (ABV) is a tracked, armored engineer vehicle that provides a deliberate or in-stride capability to breach minefields and complex obstacles. ABV is equipped with a Full-Width Mine Plow, two Mk 155 Linear Demolition Charge Systems, a Remote Control System, and a Lane Marking System mounted on an M1A1 tank chassis. The ABV provides crew protection and vehicle survivability, while having the speed and mobility to keep pace with the maneuver force. The ABV can be operated by a two-man crew consisting of a vehicle commander and a vehicle driver, or operated by remote control.

## OPERATIONAL IMPACT

The ABV addresses an identified, critical warfighting deficiency in Marine Corps maneuver. The ABV will support the Ground Combat Element of the MAGTF, breaching minefields and complex obstacles from the high water mark inland. By conducting explosive and mechanical in-stride and deliberate breaches, it will facilitate the rapid and efficient projection of combat power ashore and will maintain the initiative of the maneuver element during offensive operations.

## PROGRAM STATUS

ABV completed Milestone C in May 2005, building three Production Representative Prototype vehicles. Operational Test of the ABV will be completed in the 1st Quarter FY 2007. Full rate production begins in FY 2007, with Initial Operational Capability achieved in the 3d Quarter FY 2007 and Full Operational Capability achieved in FY 2008. ABV will be fielded to the Combat Engineer Battalions of the Marine Division.

Procurement Profile:	FY06	FY 07
Quantity:	1	19
Developer/Manufacturer:		
ABV Chassis Rebuild, Turret manufacture and		
System Integration: Anniston Army Depot,		
Anniston, AL		